



1:25 000-scale metric
topographic map of

**Black River Harbor
MICHIGAN**

USGS
Historical File
National Mapping Div.

7.5 X 15 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

2200
MAY 5 1991

GEOLOGICAL SURVEY

1980

Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled by photogrammetric methods from aerial photographs taken 1975. Field checked 1976. Map edited 1980.
Selected hydrographic data compiled from NOS Chart 14965 (1979). This information is not intended for navigational purposes.
Projection and 1000-meter grid, zone 15, Universal Transverse Mercator
10,000-foot grid ticks based on Michigan coordinate system, north zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 10 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO NEAREST METER
DEPTH CURVES AND SOUNDINGS IN METERS
DATUM IS LOW WATER 182.9 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

MN GN
27 MILES 37 MILES
1.2° 2.05'

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Carp River
2 Tated Creek
3 Little Girls Point (7.5')
4 North Inland
5 Thompson

FOR SALE BY U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

Topographic Map Symbols

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road; trail
Route marker: Interstate; U. S.; State
Railroad: standard gauge; narrow gauge
Bridge: drawbridge
Footbridge; overpass; underpass
Built-up area: only selected landmark buildings shown
House; barn; church; school; large structure
Boundary:
National, with monument
State
County, parish
Civil township, precinct, district
Incorporated city, village, town
National or State reservation; small park
Land grant with monument; found section corner
U. S. public lands survey: range, township; section
Range, township; section line: location approximate
Fence or field line
Power transmission line, located tower
Dam; dam with lock
Cemetery; grave
Campground; picnic area; U. S. location monument
Windmill; water well; spring
Mine shaft; prospect; adit or cave
Control: horizontal station; vertical station; spot elevation
Contours: index; intermediate; supplementary; depression
Distorted surface: strip mine, lava, sand
Sounding: depth curve
Perennial lake and stream; intermittent lake and stream
Rapid, large and small; falls, large and small
Swamp; marsh
Submerged marsh; land subject to controlled inundation
Woodland; scattered trees
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES